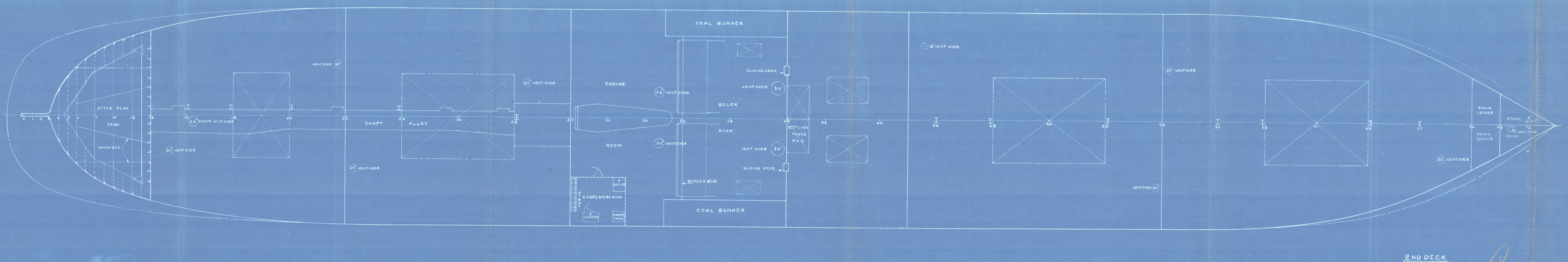
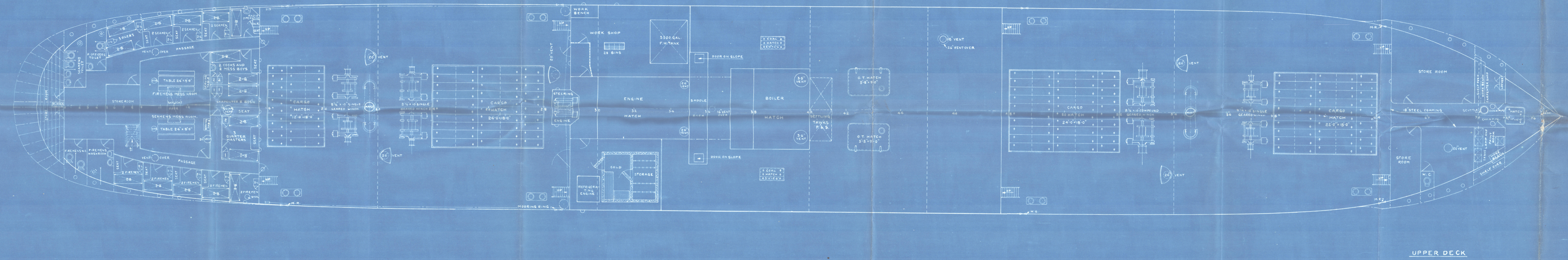
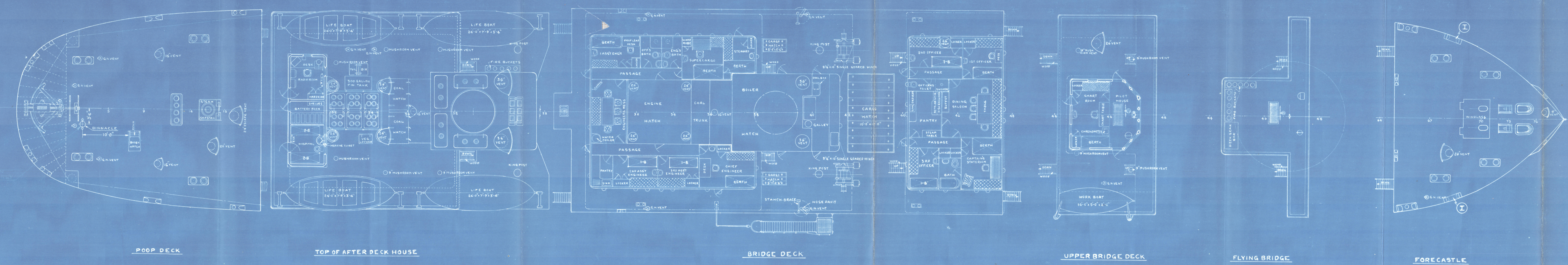






21" CLOSED CHOCK 53" 7/8 ADDED BETWEEN FRAMES 69 AND 70 FOR CASTLE DECK FOR HULLS 3466 & 47 HARLAN PLANT AND 1911. 24" & 48" HIGHER DECK AS REQUESTED IN U.S. SHIPPING BOARD'S LETTER 3463-220 DATED DEC. 11, 1911.



NOTE:  
TRACED FROM PLAN WITH SAME NUMBER, DATED 23-AG-16.

APPROVED  
JUN 10 1922  
NEW YORK  
Transferred to  
HARLAN

DUPLICATE FOR H-3464 TO H-3469  
H-3463-11-8A HARLAN PLANT  
BETHLEHEM SHIPBUILDING CORP., LTD.  
BETHLEHEM, PA.  
GENERAL ARRANGEMENT  
DECK  
SCALE 1/8" = 1' FOOT  
DRAWN 521  
CHECKED 42  
DATE 12-AG-19  
APPROVED  
APPROVED  
APPROVED



1/5 "Elizabeth"

ex "Macomet"

N. No. 3609.

Profile.

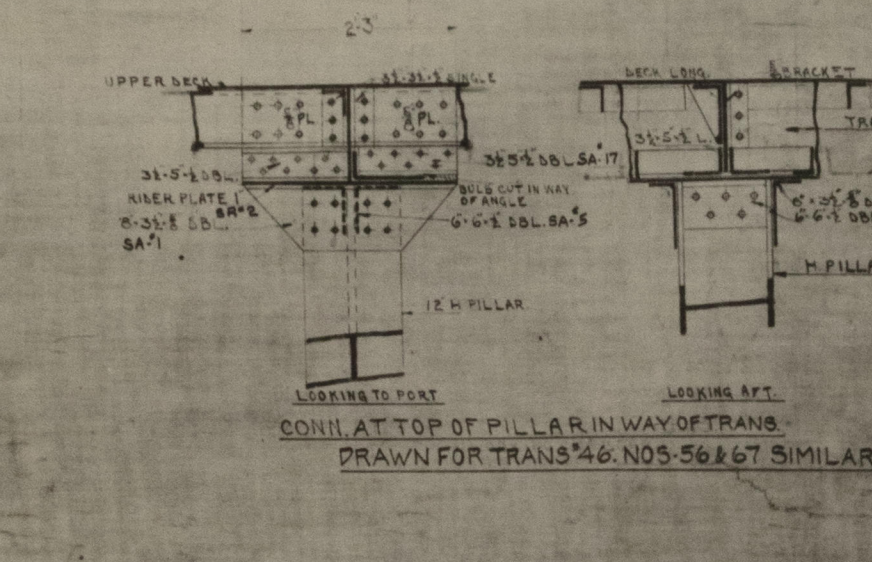
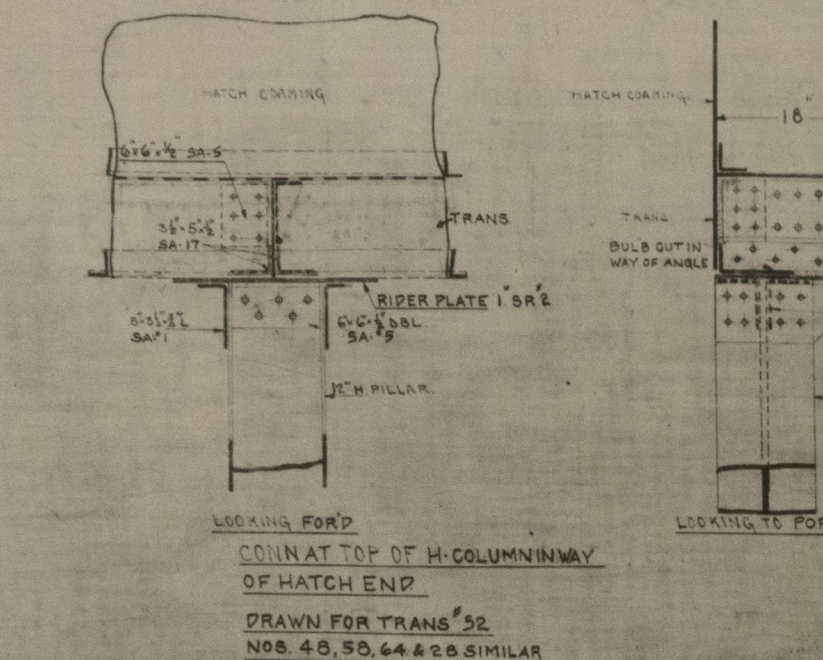
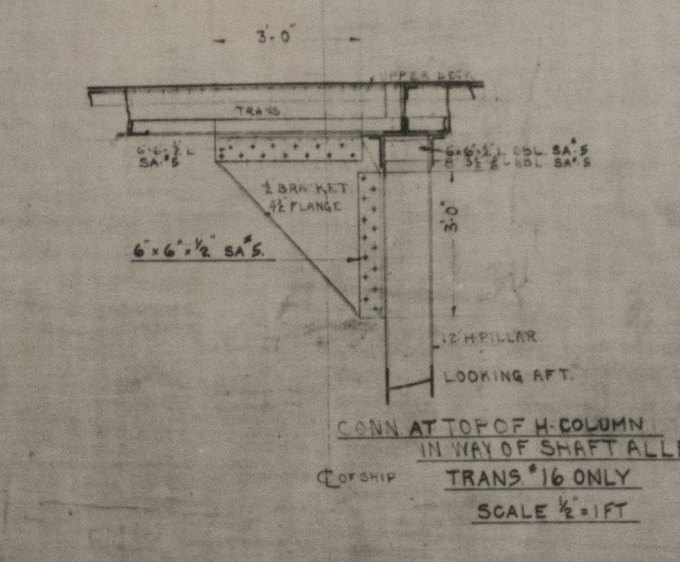
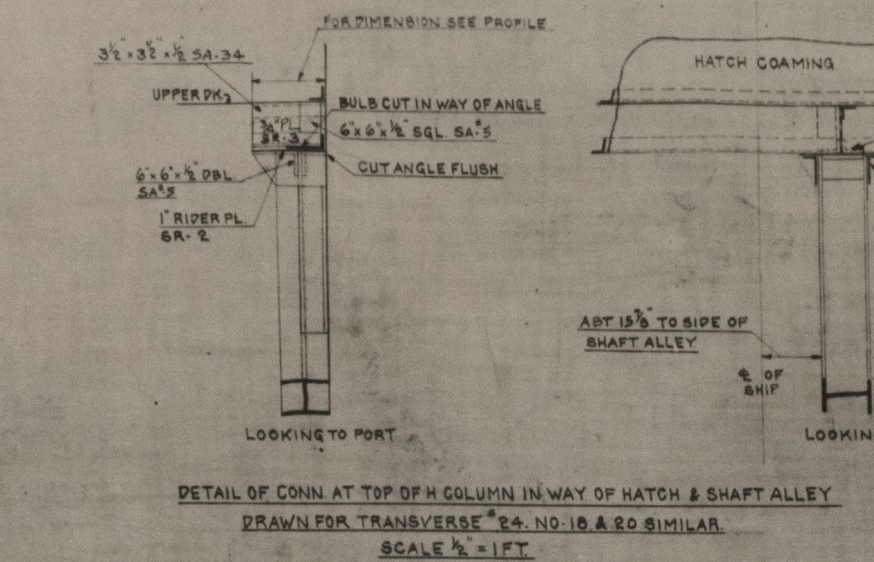


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Foundation

W660 0028





8200-0028



s/s "Elizabeth"

ex "Maconet"

N.Ms. 3609.

Mid. Sec.



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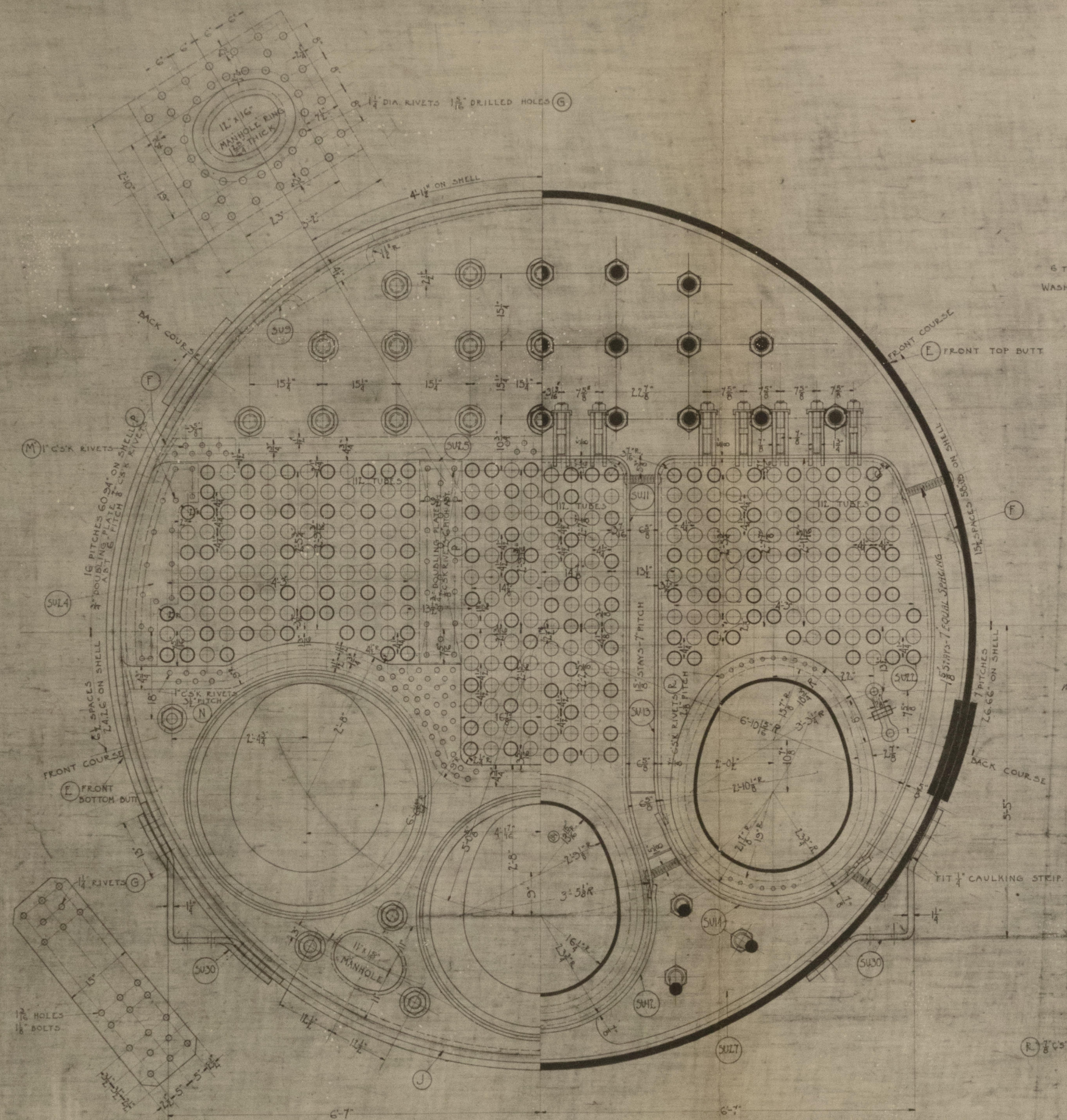
Lloyd's Register  
Foundation

W660 - 0029



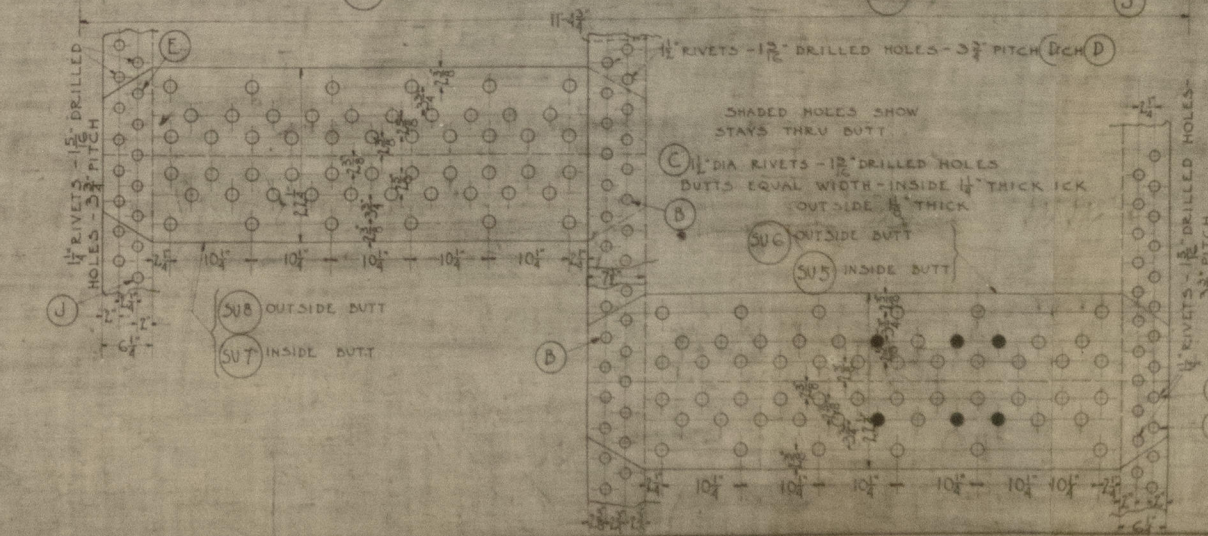
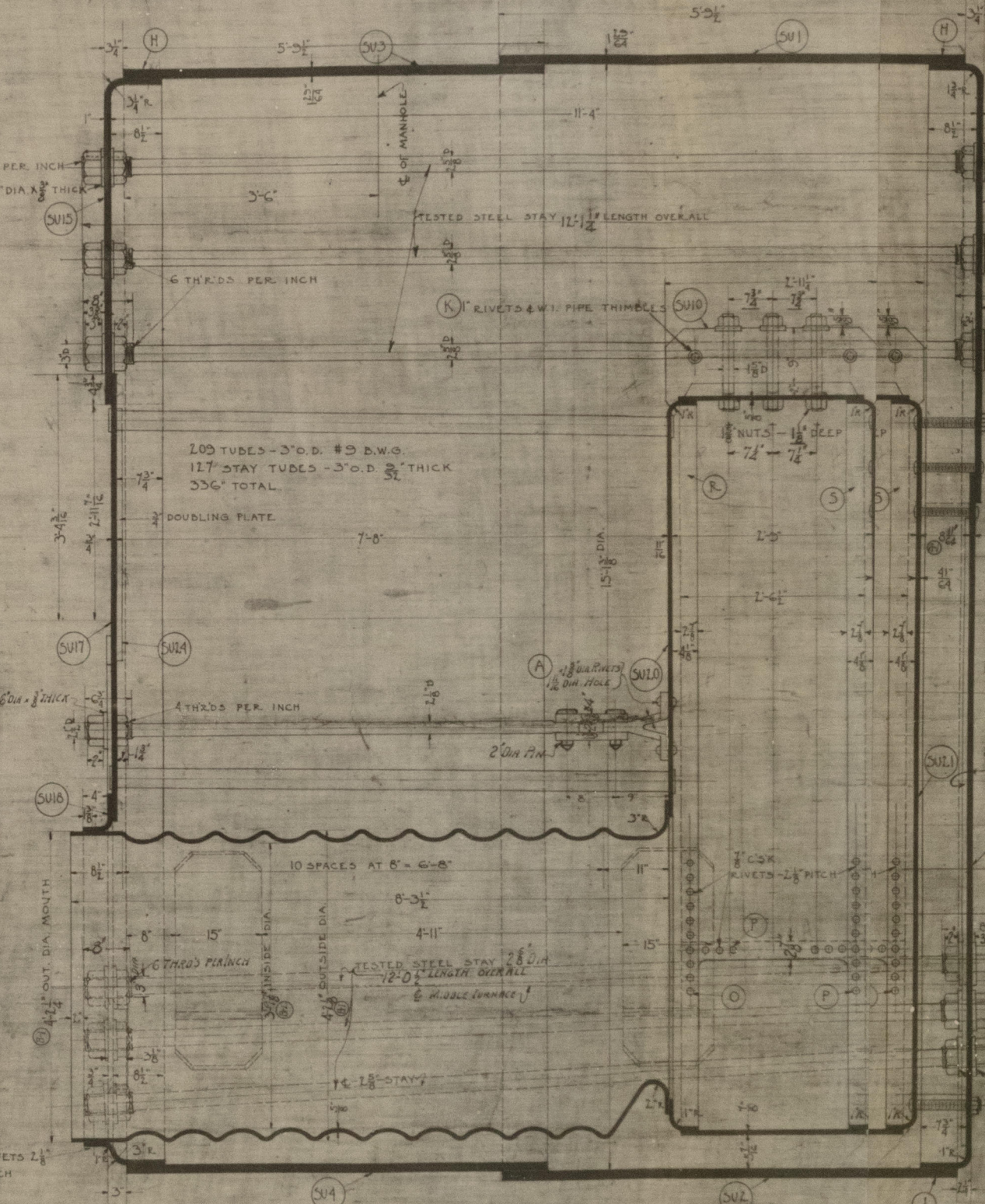






BOILER DATA	NOTES
WORKING PRESSURE	150#
HYDROSTATIC TEST (U.S.)	185#
HEATING SURFACE-TUBES	101,314
HEATING SURFACE-DRUMS	1,300
HEATING SURFACE-TOTAL	102,614
GRATE SURFACE	71.875
RATIO H <sub>2</sub> O + G.S.	34.32
CALORIMETER THERM TUBES	12.45
RATIO G.S. + CAL.	5.773
EST. EVAPORATION 125° WATER PER G.S.	
SAFETY VALVE AREA REQD - 0.0167" TWIN	

PORT BOILER - AS DRAWN  
5" G.S. - TO OTHER HAND



GENERAL NOTES  
BOILER TO BE CONSTRUCTED TO U.S. STEAMBOAT INSPECTION AND AMERICAN BUREAU OF SHIPPING. ALL RIVET HOLES TO BE DRILLED  
BOILER TO BE TESTED TO 265# HYDROSTATIC PRESSURE.  
SCREW STAYS MARKED THUS ARE 1 1/2" DIA. 12 THRS PER INCH WITH 1 1/2" HEX NUT 1 1/2" DEEP ON OUTSIDE ONLY AND RIVETS AT CORN. CHAMBER END.  
ALL OTHER SCREW STAYS UNLESS OTHERWISE MARKED ARE 1 1/2" DIA. 12 THRS PER INCH RIVETED AT BOTH ENDS.  
ALL RIVETING IN CORR. CHAMBER TO BE FINISHED WITH CSA HEADS.  
ALL SCREWED STAYS TO BE OF STEEL AND TO HAVE 1/2" HOLE DRILLED IN EACH END TO A DEPTH OF 1/2" BEYOND INSIDE SURFACE OF PLATE.  
LETTER IN CIRCLES REFER TO RIVETS ORDERED ON BM NUMBER. PLATES SCHEDULE.  
FOR MAIN BOILER DETAILS SEE 3463-35-11.

NAME	SIZE	WORKING PRESSURE TO U.S. RULES	WORKING PRESSURE TO AMER. BUREAU RULES
SHELL	1 1/2"	6000 PSI	6000 PSI
TOP HEADS	1 1/2"	6000 PSI	6000 PSI
S.C. WRAP	1 1/2"	6000 PSI	6000 PSI
C.T. SHEET	1 1/2"	6000 PSI	6000 PSI
C.C. BACK	1 1/2"	6000 PSI	6000 PSI
C.C. GIRDERS	1 1/2"	6000 PSI	6000 PSI
C.C. BOTTOM	1 1/2"	6000 PSI	6000 PSI
FURNACES	1 1/2"	6000 PSI	6000 PSI
MAIN STAYS	1 1/2"	6000 PSI	6000 PSI
SCREWED STAYS	1 1/2"	6000 PSI	6000 PSI
PLATE PERCENTAGE			
RIVETS PERCENTAGE			

SURVEYOR TO LLOYD'S REGISTER  
NEWPORT NEWS  
OF SHIPPING  
July 5, 1922

LOCATION	ALTERATION	DATE	NOTED	APPROVED
(1)	CHANGED FROM 12 TO 14	7-11-22		
(2)	DIR. OF TUBING CHANGED	7-11-22		
(3)	LOCATION OF BUTT ON BACK END VIEW REMOVED	7-11-22		
(4)	COMPONENTS 3463-3469 CHANGED TO 3463-3469	7-11-22		

HULL NUMBERS  
BETHLEHEM SHIPBUILDING CORP. LTD.  
BETHLEHEM, PA.  
MAIN BOILER  
15" MEAN DIA. 11' 4" LONG. 170,000 LBS. PRESSURE  
SCALE - 1" = 1'-0"  
DRAWN BY  
TRACED BY  
CHECKED BY  
E-3463

Lloyd's Register  
Foundation

W660-0026 2/2